

Gregory, Bernarr

From: PLUS
Sent: Wednesday, September 01, 2004 8:25 AM
To: Gregory, Bernarr
Subject: PLUS Results for 10644311

Here are the PLUS search results for 10644311.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10644311_QUAL.txt



10644311_LIST.txt



10644311_WEST.txt



10644311_EAST.txt



10644311.east



10644311_CLS.txt



10644311_CLSTITLES.t
xt



10644311_WDS.txt

10644311_QUAL

6297771 68
6496145 68
6577271 68
6304216 65
6636178 65
4426712 62
4807256 62
4968981 62
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5663734 62
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5752218 57
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5271034 57
5600670 57

10644311_QUAL

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6118808 57
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6282231 57
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RE37408 57
6317078 57
6345068 57

10644311_QUAL

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6720917 54
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6778135 54

10644311_QUAL

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10644311_QUAL

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5222099 52

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PLUS Search Results for S/N 10644311, Searched August 31, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6297771	6023489	6400753	6459405
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10644311_LIST

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10644311_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10644311 on August 31, 2004

Original Classifications

35	342/357.12
28	375/150
10	701/213
8	342/357.06
8	375/149
6	342/357.02
6	375/343
5	342/357.09
5	342/357.1
5	342/357.15
5	342/378
5	375/148
4	342/357.01
4	342/357.05
4	375/130
4	375/147
4	375/346
3	342/352
3	342/418
3	375/142
3	701/207
2	342/357.04
2	342/357.08
2	342/357.11
2	370/335
2	375/134

Cross-Reference Classifications

34	342/357.12
34	701/213
26	375/150
19	342/357.06
18	342/352
14	701/214
10	375/149
10	375/367
8	375/130
7	342/357.1
7	342/357.15
7	375/140
7	375/142
6	342/357.05
6	342/457

10644311_CLS

6 375/343
5 342/357.02
5 342/357.09
5 342/357.13
5 375/148
5 375/346
5 701/215
4 342/357.01
4 342/358
4 342/378
4 370/320
4 375/137
4 375/147
4 455/12.1
3 342/356
3 342/418
3 370/335
3 370/342
3 375/134
3 375/152
3 380/258
3 380/34
3 380/46
2 342/194
2 342/357.03
2 342/357.07
2 342/419
2 370/252
2 370/479
2 370/503
2 375/136
2 375/344
2 375/355
2 380/255
2 455/65

Combined Classifications

69 342/357.12
54 375/150
44 701/213
27 342/357.06
21 342/352
18 375/149
14 701/214
12 342/357.1
12 342/357.15
12 375/130
12 375/343

10644311_CLS

11 342/357.02
 10 342/357.05
 10 342/357.09
 10 375/142
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 10 375/367
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 9 375/346
 8 342/357.01
 8 375/147
 7 375/140
 6 342/418
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 5 342/357.13
 5 370/335
 5 375/134
 5 455/12.1
 5 701/215
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 2 342/194
 2 342/357.07
 2 342/419
 2 370/503
 2 375/143
 2 375/355
 2 380/255
 2 455/65
 2 708/422
 2 708/5

10644311_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10644311 on August 31, 2004

69	342/357.12	(35 OR, 34 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/352	.Including a satellite
	342/357.01	..With position indicating
	342/357.06	...Using Global Positioning Satellite (GPS or Glonass)
	342/357.12GPS receiver signal processing
54	375/150	(28 OR, 26 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/130	SPREAD SPECTRUM
	375/140	.Direct sequence
	375/147	..Receiver
	375/150	...Correlation-type receiver
44	701/213	(10 OR, 34 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/213	..Using Global Positioning System (GPS)
27	342/357.06	(8 OR, 19 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/352	.Including a satellite
	342/357.01	..With position indicating
	342/357.06	...Using Global Positioning Satellite (GPS or Glonass)
21	342/352	(3 OR, 18 XR)
	Class 342 :	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/352	.Including a satellite
18	375/149	(8 OR, 10 XR)
	Class 375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/130	SPREAD SPECTRUM
	375/140	.Direct sequence

10644311_CLSTITLES

375/147 ..Receiver
 375/149 ...Having specific code synchronization

14 701/214 (0 OR, 14 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION

701/200 NAVIGATION

701/207 .Employing position determining equipment

701/213 ..Using Global Positioning System (GPS)

701/214 ...Means to improve accuracy of position or
 location

12 342/357.1 (5 OR, 7 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)

342/357.1Combined with telecommunication

12 342/357.15 (5 OR, 7 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)

342/357.15Satellite selection (i.e., tracking or
 acquisition)

12 375/130 (4 OR, 8 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM

12 375/343 (6 OR, 6 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/340 .Particular pulse demodulator or detector

375/343 ..Correlative or matched filter

11 342/357.02 (6 OR, 5 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

10644311_CLSTITLES

342/357.01 ..With position indicating
 342/357.02 ...With accuracy enhancing

10 342/357.05 (4 OR, 6 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.05 ...Using Doppler frequency shift

10 342/357.09 (5 OR, 5 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.09With transmission of location-indicative
 information to or from a remote station

10 375/142 (3 OR, 7 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/140 .Direct sequence
 375/141 ..End-to-end transmission system
 375/142 ...Having correlation-type receiver

10 375/148 (5 OR, 5 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/140 .Direct sequence
 375/147 ..Receiver
 375/148 ...Multi-receiver or interference cancellation

10 375/367 (0 OR, 10 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/354 SYNCHRONIZERS
 375/362 .Frequency or phase control using synchronizin

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signal
 375/365 ..Synchronization word
 375/367 ...Pseudo noise

9 342/378 (5 OR, 4 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

10644311_CLSTITLES
AND DEVICES

- 342/350 DIRECTIVE
342/378 .Utilizing correlation techniques
- 9 375/346 (4 OR, 5 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/346 .Interference or noise reduction
- 8 342/357.01 (4 OR, 4 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
- 8 375/147 (4 OR, 4 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
- 7 375/140 (0 OR, 7 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
- 6 342/418 (3 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/385 .Beacon or receiver
342/417 ..Direction-finding receiver only
342/418 ...Doppler
- 6 342/457 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car)
- 5 342/357.13 (0 OR, 5 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite

10644311_CLSTITLES

342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.13With storage device (i.e., map or database

)

5 370/335 (2 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/335 ...Combining or distributing information via
 code word channels using multiple access te

chniques (e.g.,

CDMA)

5 375/134 (2 OR, 3 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/132 .Frequency hopping
 375/133 ..End-to-end transmission system
 375/134 ...Having specific code acquisition or trackin

g

5 455/12.1 (1 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater
 455/12.1 ..Space satellite

5 701/215 (0 OR, 5 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)
 701/214 ...Means to improve accuracy of position or
 location
 701/215Having multiple GPS antennas or receivers
 (e.g., differential GPS)

4 342/356 (1 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES

10644311_CLSTITLES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/356 ..Synchronous satellite

4 342/358 (0 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/358 ..With satellite signal correction

4 370/320 (0 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/315 .Repeater
 370/316 ..Airborne or space satellite repeater
 370/319 ...Multiple access (e.g., FDMA)
 370/320Code division (CDMA)

4 375/137 (0 OR, 4 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/132 .Frequency hopping
 375/136 ..Receiver
 375/137 ...Having specific code acquisition or trackin

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4 380/34 (1 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
 380/270 .Wireless communication
 380/33 ..Using plural paths or channels
 380/34 ...Plural carrier frequencies

4 701/207 (3 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment

3 342/357.03 (1 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.02 ...With accuracy enhancing

10644311_CLSTITLES

342/357.03Using differential correction

3 342/357.04 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.02 ...With accuracy enhancing

342/357.04With ambiguity resolving

3 342/357.08 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

342/357.08Determining relative position (e.g.,
distance or direction)

3 342/357.11 (2 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

342/357.11Attitude determination

3 370/252 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

370/252 .Determination of communication parameters

3 370/342 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/342 .Combining or distributing information via cod

e
word channels using multiple access techniq
ues (e.g., CDMA)

10644311_CLSTITLES

- 3 370/479 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/479 .Combining or distributing information via cod
 word channels
- 3 375/136 (1 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/132 .Frequency hopping
 375/136 ..Receiver
- 3 375/152 (0 OR, 3 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/140 .Direct sequence
 375/147 ..Receiver
 375/152 ...Matched-filter-type receiver
- 3 375/344 (1 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/344 .Automatic frequency control
- 3 380/258 (0 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
 380/258 .Position dependent or authenticating
- 3 380/46 (0 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/277 KEY MANAGEMENT
 380/44 .Having particular key generator
 380/46 ..Nonlinear (e.g., pseudorandom)
- 2 342/194 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/175 WITH PARTICULAR CIRCUIT
 342/194 .Complex signal (in phase and quadrature)
- 2 342/357.07 (0 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite

10644311_CLSTITLES

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)

342/357.07Tracking or monitoring (i.e., lost or stolen vehicles)

2 342/419 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

342/350 DIRECTIVE

342/385 .Beacon or receiver

342/417 ..Direction-finding receiver only

342/419 ...Portable

2 370/503 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/498 .Combining or distributing information via time channels

370/503 ..Synchronizing

2 375/143 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/141 ..End-to-end transmission system

375/143 ...Having matched-filter-type receiver

2 375/355 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/355 .Synchronizing the sampling time of digital data

2 380/255 (0 OR, 2 XR)

Class 380 : CRYPTOGRAPHY

380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY

2 455/65 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference prevention, reduction, or compensation

455/65 ..Anti-multipath

10644311_CLSTITLES

2	708/422	(1 OR, 1 XR)
	Class	708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
	708/100	ELECTRICAL DIGITAL CALCULATING COMPUTER
	708/200	.Particular function performed
	708/422	..Correlation

2	708/5	(1 OR, 1 XR)
	Class	708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
	708/1	ELECTRICAL HYBRID CALCULATING COMPUTER
	708/3	.Particular function performed
	708/5	..Correlation, convolution, or transformation

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accordance 12
accordanct 1
according 3
accounted 2
accurately 1
achieve 1
achieved 3
acp 1
actual 2
added 1
additional 1
af 1
aints 1
al 2
algorithm 1
allows 1
along 7
also 3
alters 1
an 18
analyses 1
analysis 6
analyzing 1
and 58
another 2
ansmissions 1
aparticular 1
applicatiohs 1
application 5
applications 3
approximately 2
ar 1
arbi 1
arbitrary 1
are 25
arin 1
arotmd 1
array 9
arrays 12
art 3
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as 8
assiree 1
assuming 1
at 18
ates 2
atis 1
attempts 1
attomey 1
avoid 1
away 3
background 2
base 1
baseband 2
be 13
because 3
been 2
before 2
begin 1
beginning 2
begirming 1
between 8
beyond 1
block 2
bmse 1
both 2
briefdescription 1
broadly 1
by 20
can 4
capability 1
capttlre 1
capture 2
captured 1
carrier 1
case 2
caused 1
ceases 1
ceived 1
certain 1
ch 1
chip 1
chips 3
circuitry 9
circuitzy 1
circularly 1
civil 1
claim 1
code 39

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coherent 1
collection 1
column 1
combin 1
combinations 2
combine 4
combined 9
combining 2
command 1
commands 1
common 1
compdses 1
compiises 1
comprises 3
computer 1
configured 1
configu 1
cons 1
consequently 2
consistent 1
constraints 1
continuation 1
continues 2
converts 1
copeniding 1
corpsponding 1
correct 1
corrected 1
correction 1
corrects 1
correl 1
correlates 1
correlati 1
correlating 3
correlation 30
correspond 1
corresponding 5
corresponds 5
cp 1
crystal 1
cumulative 7
data 19
dedved 1
defined 1
defme 1
defned 3
delay 3

demodulates 1
depee 2
derived 1
derives 1
descdbed 1
description 1
desned 1
detect 1
detected 1
detection 2
detector 13
detects 2
detem 1
detennined 1
detennines 1
determine 3
determined 5
determines 3
determining 1
detmled 1
diapam 2
diapnm 1
diff 1
difference 5
different 5
differing 1
difficult 1
directs 2
disadvantages 2
disclosure 1
disjoint 1
disjowg 1
distance 5
distind 1
dkt 1
dmwings 1
docket 12
doppler 16
ds 1
dudng 1
during 1
each 18
earth 2
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effect 1
effective 1
effort 1

either 1
element 1
embodiment 21
embodiments 1
employing 1
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entirely 1
entitled 3
entry 2
ents 1
environment 1
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equal 2
equation 5
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error 2
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every 1
example 7
exnmple 1
expedence 1
expedences 1
experience 2
extemal 2
extend 1
extension 1
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feasible 1
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fhe 1
field 1
figizre 1
figtzre 1
figure 11
figures 3
filed 3
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filter 6
finite 2
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flows 1
flrst 1

filter 2
fn 1
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follows 1
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forego 1
foregoing 4
forgo 1
forth 1
fps 2
fractional 1
frame 4
frequency 1
from 11
full 1
fully 1
functions 1
fzom 1
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game 1
generated 3
generates 2
generator 2
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gequent 1
given 2
global 1
gom 6
gps 38
has 3
have 2
having 2
he 4
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hereby 1
herein 3
hereof 1
herewith 1
high 1
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hypotheses 7
hypothesis 8
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if 3
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ij 1
ijnvorn 1
ikhr 1
illus 1
illust 1
illustrate 1
illustrated 3
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improve 1
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indefinitely 1
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interference 2
intersection 1
into 1
invent 1
invention 14
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issued 1
it 8
itj 1
its 3
ixhr 1
kansmission 2
kansmissions 2
kansmitling 1
kc 1
khr 2
kl 2
klll 1
kllr 1
klm 1
larger 1
latter 1

lcnown 1
lcnows 1
lcp 1
least 4
length 1
lengths 2
level 2
lf 1
limit 1
limited 1
limits 1
line 1
lk 1
llites 1
llniiform 1
ln 7
lnknown 1
local 2
locally 1
located 1
location 2
locks 1
los 7
lter 1
lyon 2
lz 2
maintained 2
manner 1
maown 1
march 1
mark 4
marks 1
matched 10
maximizes 1
may 5
measlzrement 1
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meastlrement 1
measure 1
measurement 1
media 1
method 6
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mile 1
miles 1
millisecond 1
mixture 1

ml 2
mobile 2
modulated 1
modulo 2
more 1
moreover 1
movement 2
moving 5
ms 3
multiple 2
multiplying 1
must 3
ne 1
need 2
negative 3
nen 1
nes 1
new 2
next 1
ng 1
no 15
noise 8
nominal 1
non 6
nos 2
not 3
number 1
obtain 1
obtained 3
occtlrs 1
occurrence 1
occurrences 1
occurs 1
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offset 8
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oi 1
om 5
on 4
one 18
onto 1
operation 11
or 2
orbit 1
orbiting 1
orbits 1
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oscillator 1

osi 1
osl 1
osz 1
other 2
out 1
output 1
outputs 1
over 4
overcomes 2
overlapping 1
owned 1
page 11
part 3
particular 8
patent 2
pdor 1
peak 1
peater 1
pedods 1
perceived 1
perfbrming 1
performs 1
period 5
periodic 1
periods 3
permit 1
ph 2
phase 18
phases 2
phone 4
pllzrality 1
plmality 1
plurality 3
pm 1
pmicular 1
pn 17
points 1
portion 1
positioning 1
positive 2
possibly 1
poupings 1
practical 1
precise 4
preferred 1
presence 4
prior 2
priority 1

pro 1
problem 1
process 5
processes 1
processing 3
processor 5
produced 1
provided 5
provides 1
pseudo 1
purpose 2
qkdoppler 1
radio 2
radius 1
range 4
ranges 1
rate 2
ratio 6
readable 1
receive 1
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receiver 47
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receivtr 1
reference 2
reflected 1
related 3
relates 1
relation 1
relative 2
rence 1
repeated 2
represented 1
required 1
respectively 1
responsive 3
result 1
resulting 1
results 5
rf 2
rhe 2
rkl 1
rouped 1
row 8
rows 2
rrrelation 1
same 1

sample 2
samples 10
sampling 11
sat 1
satellite 42
satellites 8
se 1
second 9
sedal 1
seggnts 1
segment 4
segments 4
segmentisy 1
sement 1
sends 1
senent 1
senents 1
separate 1
separated 1
sepnent 12
sepnents 7
september 1
sepuents 1
sequence 1
ser 1
serent 1
serents 2
serial 1
set 2
shiaed 3
shifk 1
shift 6
shifted 2
shih 1
shir 4
should 1
shown 1
shows 1
si 1
sight 1
signal 11
signifcantly 1
siift 1
similarly 2
sinal 1
since 2
sion 1
sipzal 2

siral 21
sirals 2
situation 1
size 1
sl 1
slaih 1
slli 1
sllih 1
sllir 1
slter 1
sltih 2
smchronization 1
snmples 5
snmpling 2
snr 1
so 1
span 1
spe 1
specific 1
specifically 1
spectrum 1
sphere 2
spheres 1
spread 1
srst 1
start 2
strucmres 1
subject 14
subsequent 1
successively 1
such 4
suffciently 1
sufficient 2
summmw 1
surface 1
system 1
taken 1
tansmission 1
tansmittinj 1
taveled 1
tcsign 1
terms 1
tested 1
th 1
than 1
that 12
the 300
then 5

there 4
thereto 1
these 1
this 13
those 1
though 1
three 2
threshold 1
throug 1
through 2
thus 1
time 15
times 2
timing 8
tion 1
tj 1
tkeshold 1
tllis 1
tltis 1
tlu 1
tmically 1
tmique 1
to 68
total 1
towards 2
transmi 1
transmission 7
transmissionj 1
transmits 2
transmitter 2
tranxzrlissions 1
travels 2
ttsiunal 1
unacceptable 1
uniform 2
until 4
use 1
used 3
uses 1
using 2
usually 1
ut 1
utility 1
va 1
value 3
values 1
variable 1
various 2

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vatched 1
vc 1
velocity 4
velocityv 1
versions 2
visible 1
wavelength 2
weak 2
wention 2
when 3
where 1
wherein 2
which 26
wilich 1
will 3
window 4
windows 1
wireless 2
with 26
within 2
wl 1
would 1
wtegmtion 1